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NIST Special Publication 881-46

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 806 Project Schedule Reporting

Implementation Convention

NIST

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[1] At Boulder, CO 80303.
[2] Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
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The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

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806 Project Schedule Reporting

Functional Group ID=PJ

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Project Schedule Reporting Transaction Set (806) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for the transmission of planning, scheduling, and status information. The purpose of this transaction set is to establish an initial plan, report progress against the plan, and report changes to the plan. It is designed to serve the needs of government agencies, prime contractors and their subcontractors.

Notes:

1. The purpose of this draft implementation convention is to provide a general framework that can be used to exchange a variety of planning, scheduling, and resource information between the Department of Defense (DoD) agencies and their contractors. This includes proposal, initial or baseline, change or update, and status details.

2. While specific commercial off the shelf planning and scheduling software was reviewed for the type of data that needed to be included in this transaction set, this implementation convention is designed to be used with ANY software tool that may be used by the contractor or government agency. The objective is to define the core data exchange requirements in a neutral format - i.e., it is not customized to fit one specific software tool.

3. It is anticipated that the 806 transaction set and this implementation convention will be used for bi-directional data exchange. That means it can be used by the contractor to send information to their government customer and it can be used by the government agency to send information to the contractor. Generally, the N1 (Name) loop in table 1 of the transaction set identifies the sending or receiving party.

4. This implementation convention is meant to define the FORMAT of the data that will be exchanged. The CONTENT of the data is always governed by any applicable Contract Data Requirements List (CDRL), Data Item Description (DID), or contract Statement of Work (SOW).

5. The example appendix for this implementation convention provides additional reference information on how this transaction set is used to exchange planning and scheduling data.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPP	Beginning Segment for Project Schedule Reporting	M	1		
	030	REF	Reference Identification	O	>1		
			LOOP ID - N1			>1	
Must Use	040	N1	Name	O	1		
	050	N2	Additional Name Information	O	2		
	060	N3	Address Information	O	2		
	070	N4	Geographic Location	O	1		
Not Used	080	REF	Reference Identification	O	>1		
Must Use	090	PER	Administrative Communications Contact	O	>1		
Not Used	100	DTM	Date/Time Reference	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CAL			>1	
	010	CAL	Calendar	O	1		
Not Used	020	QTY	Quantity	O	>1		
	030	DTM	Date/Time Reference	O	>1		
			LOOP ID - RSC			>1	
	040	RSC	Resource	O	1		
Not Used	050	REF	Reference Identification	O	>1		
Not Used	060	DTM	Date/Time Reference	O	>1		
Not Used	070	QTY	Quantity	O	>1		
Not Used	080	AMT	Monetary Amount	O	>1		
Not Used	090	PCT	Percent Amounts	O	>1		
Not Used	100	RPA	Rate Amounts or Percents	O	>1		
			LOOP ID - TID			>1	
Must Use	110	TID	Task Identification	O	1		
	120	REF	Reference Identification	O	>1		
	130	DTM	Date/Time Reference	O	>1		
	140	QTY	Quantity	O	>1		
	150	AMT	Monetary Amount	O	>1		
	160	PCT	Percent Amounts	O	>1		
	170	N1	Name	O	>1		
	180	PER	Administrative Communications Contact	O	>1		
	190	PID	Product/Item Description	O	>1		
	200	MSG	Message Text	O	>1		
			LOOP ID - RSC			>1	
	210	RSC	Resource	O	1		
	220	REF	Reference Identification	O	>1		
	230	DTM	Date/Time Reference	O	>1		
	240	QTY	Quantity	O	>1		
	250	AMT	Monetary Amount	O	>1		
	260	PCT	Percent Amounts	O	>1		
Not Used	270	RPA	Rate Amounts or Percents	O	>1		
	280	PAM	Period Amount	O	>1		
			LOOP ID - MLS			>1	
	290	MLS	Milestone	O	1		
	300	REF	Reference Identification	O	>1		
	310	DTM	Date/Time Reference	O	>1		
	320	QTY	Quantity	O	>1		
	330	AMT	Monetary Amount	O	>1		
	340	PCT	Percent Amounts	O	>1		
Must Use	350	SE	Transaction Set Trailer	M	1		

Segment: **ST** **Transaction Set Header**
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 806 X12.196 Project Schedule Reporting	**M ID 3/3**
Must Use	**ST02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set ***A unique number assigned by the originator of the transaction set or by the originator's application program. This number is the same as the number in SE02.***	**M AN 4/9**

Segment: **BPP** **Beginning Segment for Project Schedule Reporting**
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Project Schedule Reporting Transaction Set and program identifying numbers
Syntax Notes: 1 At least one of BPP04 BPP05 or BPP06 is required.
Semantic Notes:
1 BPP02 is the transaction set date.
2 BPP05 is the program name.
3 BPP06 is the program number identification.
4 BPP07 is the report effective date.
5 BPP09 is the schedule number identification.
6 BPP10 is available for a schedule title or reference.
7 BPP11 is the schedule date or schedule effective date.
8 BPP12 is the priority rating reference number.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPP01	353	**Transaction Set Purpose Code** Code identifying purpose of transaction set 00 Original 04 Change 05 Replace 14 Advance Notification ***Use this code in the event preliminary schedule data must be transmitted. This preliminary transmission is then followed with a final transmission (code 20) to provide the final schedule data.*** 20 Final Transmission ***Use this code to transmit final schedule data when preliminary data has been sent (code 14).*** 22 Information Copy ***Use this code in the event an information copy of the schedule data needs to go to a specific receiving party. This receiving party is named in the N1 (Name) segment (use code ZD, Party to Receive Reports, in N101).***	**M ID 2/2**
Must Use	BPP02	373	**Date** Date (YYMMDD) ***Enter the date the data report was created. This date is used for reference purposes only.***	**M DT 6/6**
Must Use	BPP03	1164	**Network or Schedule Data Type** Codes to identify the network or schedule or type of presentation 02 Logic Network Precedence Diagramming Method Method to illustrate tasks and relationships over time using the activity on node method	**M ID 2/2**

			03	Bar Chart (Gantt Chart) Method to illustrate tasks; primarily a listing of task names and duration of tasks; duration as shown with lines to illustrate start and finish dates		
			04	Milestone Method to illustrate significant events for a contract; events may represent significant deliverables or other tasks to measure contract progress		
			05	Line of Balance (LOB) Method to illustrate manufacturing deliverables or other tasks		
			06	Task List Simple listing of tasks required to complete a contract		
	BPP04	**367**	**Contract Number** Contract number ***Enter the contract number.***		**X**	**AN 1/30**
	BPP05	**352**	**Description** A free-form description to clarify the related data elements and their content ***Enter the name or short description of the program. If the data is for a Request for Quote or Request for Proposal (RFQ/RFP), enter the description in this data element and provide the solicitation or proposal number in the following REF (1/REF/030) segment.***		**X**	**AN 1/30**
	BPP06	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***Enter the program number.***		**X**	**AN 1/30**
Must Use	**BPP07**	**373**	**Date** Date (YYMMDD) ***Enter the report effective date. This is considered to be the date the data was pulled or extracted from the source database.***		**O**	**DT 6/6**
Must Use	**BPP08**	**755**	**Report Type Code** Code indicating the title or contents of a document, report or supporting item		**O**	**ID 2/2**
			21	Recovery Plan		
			26	Production Plan ***Use this code for an Integrated Master Plan (IMP).***		
			31	Master Schedule ***Use this code for an Integrated Master Schedule (IMS).***		
	BPP09	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***Enter the unique schedule reference number for this transaction set. This code can be used to link related transaction sets together (for example, with a Project Cost Reporting 839 or Specifications/Technical Information 841 transaction set).***		**O**	**AN 1/30**
	BPP10	**352**	**Description**		**O**	**AN 1/80**

			A free-form description to clarify the related data elements and their content ***Enter the name or short description of the schedule.***			
Must Use	**BPP11**	**373**	**Date** Date (YYMMDD) ***Enter the schedule status effective date. This is the Time Now date for the data.***	**O**	**DT 6/6**	
	BPP12	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***Use this data element to enter a version number for the schedule data.***	**O**	**AN 1/30**	
	BPP13	**786**	**Security Level Code** Code indicating the level of confidentiality assigned by the sender to the information following ***Typically all data is assumed to be company proprietary information and is treated as government non-classified information (code 90). In the event codes 92, 93, or 94 are used, additional security measures such as encryption are used to protect the data.***	**O**	**ID 2/2**	
			11 Competition Sensitive 90 Government Non-Classified 92 Government Confidential 93 Government Secret 94 Government Top Secret			

Segment: **REF** **Reference Identification**
Position: 030
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: **1** At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: **1** REF04 contains data relating to the value cited in REF02.
Comments:
Notes: ***Use this segment to convey any additional reference numbers that are needed to identify or further qualify the schedule information being transmitted.***

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification		**M ID 2/3**
			39	Proposal Number	
			72	Schedule Reference Number Identifies a number for a program schedule (for example, a logic type of network) or working schedule to complete a specific task or set of tasks ***Use this code to indicate there is a related Project Schedule Reporting (806) transaction set(s) that complements this transaction set. The unique reference number entered in REF02 should be the same unique reference number entered in BPP09 (1/BPP/020) in the related 806 transaction set.***	
			92	Change Document Number Reference numbers to track changes made to a contract	
			AT	Appropriation Number	
			C4	Change Number	
			CA	Cost Allocation Reference ***Use this code to indicate there is a related Project Cost Reporting (839) transaction set(s) that complements this transaction set. The unique reference number entered in REF02 should be the same unique reference number entered in REF02 (1/REF/030) in the 839 transaction set.***	
			KS	Solicitation A discreet number assigned by the purchasing activity to differentiate between different solicitations	
			NJ	Technical Document Number ***Use this code to indicate there is a related Specifications/Technical Information (841) transaction set(s) that complements this transaction set. The unique reference number entered in REF02 should be the same unique reference number entered in SPI03 (1/SPI/020) in the 841 transaction set.***	

Must Use	**REF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***Use to enter the reference number.***	**X**	**AN 1/30**
Not Used	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content	**X**	**AN 1/80**
Not Used	**REF04**	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**	
Not Used	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M**	**ID 2/3**
Not Used	**C04002**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**M**	**AN 1/30**
Not Used	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**C04004**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
Not Used	**C04005**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**C04006**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**

Segment: **N1** **Name**
Position: 040
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes:
1. This segment is required. As a minimum, use this segment to provide information about the party sending the schedule data. As an option, include information about the party receiving the schedule data.

2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2, N3, and N4 as applicable when this information cannot be provided by using one of the codes listed in N103.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual FR Message From ***Use this code to identify the organization sending the schedule data.*** TO Message To ***Use this code to identify the organization receiving the schedule data.*** ZD Party to Receive Reports The organization designated to receive reports ***Use this code to identify the organization that receives an information copy of the schedule data.***	M ID 2/2
	N102	93	**Name** Free-form name	X AN 1/35
	N103	66	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) 33 Commercial and Government Entity (CAGE)	X ID 1/2
	N104	67	**Identification Code** Code identifying a party or other code	X AN 2/20

Not Used	**N105**	**706**	**Entity Relationship Code** Code describing entity relationship	**O**	**ID 2/2**
Not Used	**N106**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**O**	**ID 2/2**

Segment: **N2** **Additional Name Information**
Position: 050
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***This segment should only be used when N102 is used and it is necessary to provide additional name information.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N201**	**93**	**Name** Free-form name	**M**	**AN 1/35**
	N202	**93**	**Name** Free-form name	**O**	**AN 1/35**

Segment: **N3** **Address Information**
Position: 060
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***This segment should only be used when N102 is used.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N301**	**166**	**Address Information** Address information	**M AN 1/35**
	N302	**166**	**Address Information** Address information	**O AN 1/35**

Segment: **N4** **Geographic Location**
Position: 070
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1** If N406 is present, then N405 is required.
Semantic Notes:
Comments: **1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: ***This segment should only be used when N102 is used.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	N401	**19**	**City Name** Free-form text for city name	**O AN 2/30**
	N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O ID 2/2**
	N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	**O ID 3/15**
	N404	**26**	**Country Code** Code identifying the country	**O ID 2/3**
Not Used	**N405**	**309**	**Location Qualifier** Code identifying type of location	**X ID 1/2**
Not Used	**N406**	**310**	**Location Identifier** Code which identifies a specific location	**O AN 1/30**

Segment: **PER** **Administrative Communications Contact**
Position: 090
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: **1** If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:
Notes: ***This segment is required.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named CD Contract Contact	**M ID 2/2**
Must Use	**PER02**	**93**	**Name** Free-form name ***Provide the last name, first name, and middle initial if available. Include blank spaces between name components and periods after initials. Omit the comma between the last name and first name.***	**O AN 1/35**
Must Use	**PER03**	**365**	**Communication Number Qualifier** Code identifying the type of communication number AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail FT Federal Telecommunications System (FTS) FX Facsimile IT International Telephone TE Telephone	**X ID 2/2**
Must Use	**PER04**	**364**	**Communication Number** Complete communications number including country or area code when applicable	**X AN 1/80**
	PER05	**365**	**Communication Number Qualifier** Code identifying the type of communication number AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail EX Telephone Extension ***When used, there must be a previous communication number citing either national or international telephone number.*** FT Federal Telecommunications System (FTS) FX Facsimile	**X ID 2/2**

		IT	International Telephone		
		TE	Telephone		
PER06	**364**	**Communication Number**		**X**	**AN 1/80**
		Complete communications number including country or area code when applicable			
PER07	**365**	**Communication Number Qualifier**		**X**	**ID 2/2**
		Code identifying the type of communication number			
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM	Electronic Mail		
		EX	Telephone Extension ***When used, there must be a previous communication number citing either national or international telephone number.***		
		FT	Federal Telecommunications System (FTS)		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER08	**364**	**Communication Number**		**X**	**AN 1/80**
		Complete communications number including country or area code when applicable			
PER09	**443**	**Contact Inquiry Reference**		**O**	**AN 1/20**
		Additional reference number or description to clarify a contact number ***Use this data element to enter the title of the person named in PER02.***			

Segment: **CAL** **Calendar**
Position: 010
Loop: CAL Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the calendar and working shift details for the plan or schedule
Syntax Notes: **1** If either CAL14 or CAL15 is present, then the other is required.
Semantic Notes: **1** CAL01 identifies whether a reference number is a calendar or shift.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**CAL01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 70 Calendar Number Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group	**M ID 2/3**
Must Use	**CAL02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***Enter the number or name of the calendar.***	**M AN 1/30**
Not Used	**CAL03**	**344**	**Unit of Time Period or Interval** Code indicating the time period or interval	**O ID 2/2**
Not Used	**CAL04**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	**O ID 3/3**
Not Used	**CAL05**	**373**	**Date** Date (YYMMDD)	**O DT 6/6**
Not Used	**CAL06**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**O TM 4/8**
Not Used	**CAL07**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	**O ID 2/2**
Not Used	**CAL08**	**678**	**Ship/Delivery or Calendar Pattern Code** Code which specifies the routine shipments, deliveries, or calendar pattern Refer to 003060 Data Element Dictionary for acceptable code values.	**O ID 1/2**
Not Used	**CAL09**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	**O ID 3/3**
Not Used	**CAL10**	**373**	**Date** Date (YYMMDD)	**O DT 6/6**
Not Used	**CAL11**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**O TM 4/8**
Not Used	**CAL12**	**623**	**Time Code** Code identifying the time. In accordance with International Standards	**O ID 2/2**

			Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
Not Used	**CAL13**	**678**	**Ship/Delivery or Calendar Pattern Code** Code which specifies the routine shipments, deliveries, or calendar pattern	**O**	**ID 1/2**
Not Used	**CAL14**	**673**	**Quantity Qualifier** Code specifying the type of quantity	**X**	**ID 2/2**
Not Used	**CAL15**	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
Not Used	**CAL16**	**369**	**Free-form Description** Free-form descriptive text	**O**	**AN 1/45**

Segment: **DTM** **Date/Time Reference**
Position: 030
Loop: CAL Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 263 Holiday A non-working day reserved for a company or national holiday	**M ID 3/3**
Must Use	**DTM02**	**373**	**Date** Date (YYMMDD)	**X DT 6/6**
Not Used	**DTM03**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X TM 4/8**
Not Used	**DTM04**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	**O ID 2/2**
Not Used	**DTM05**	**624**	**Century** The first two characters in the designation of the year (CCYY)	**O N0 2/2**
Not Used	**DTM06**	**1250**	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format	**X ID 2/3**
Not Used	**DTM07**	**1251**	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times	**X AN 1/35**

Segment: **RSC** **Resource**
Position: 040
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify resource details for tasks or activities
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use this segment to describe the available resources.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**RSC01**	**1180**	**Resource Code (or Identifier)** To identify a resource code or identifier (such as a specific skill, department, or material) ***Enter the name or code of the resource.***	**M AN 1/20**
	RSC02	**352**	**Description** A free-form description to clarify the related data elements and their content	**O AN 1/80**
	RSC03	**1181**	**Resource Type** Code identifying the type of allocation or resource being scheduled EF Equipment Founded Equipment with an operator ***Use this code to identify all types of equipment.*** LA Labor LD Labor Double Time LE Lease LO Labor Overtime (Time and a Half) LP Labor Premium LS Labor Straight Time MA Material MC Material, Consumable MN Material, Nonconsumable OT Other SC Subcontract	**O ID 2/2**
	RSC04	**306**	**Action Code** Code indicating type of action 1 Add 2 Change (Update) 3 Delete	**O ID 1/2**

Segment: **TID** **Task Identification**
Position: 110
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify the work task and activity, what type of task it is, and related information
Syntax Notes:
Semantic Notes: **1** TID07 is the calendar number identification.
2 TID08 is the shift number identification.
Comments:
Notes: ***This segment is required.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**TID01**	**1173**	**Task ID Qualifier** Codes to identify the task or activity or event type 03 Activity Generic activity or work task 04 Interface Activity (when 2 or more separate networks are combined to create 1 network) An activity that links one or more separate, but related, project plans 06 Milestone A specific event or deliverable item 08 Constraint - Finish to Start A relationship type for activities - the succeeding activity can't start until the preceding activity is complete 09 Constraint - Start to Finish A relationship type for activities - the preceding activity can't start until the succeeding activity is finished 10 Constraint - Finish to Finish A relationship type for activities - the preceding activity can't finish until the succeeding activity is finished 11 Constraint - Start to Start A relationship type for activities - the preceding activity can't start until the succeeding activity starts	**M ID 2/2**
Must Use	**TID02**	**1174**	**Task Identifier** To identify a task or activity or event number ***Enter the task or milestone identification number or code. If the Task ID Qualifier is a constraint (code 08, 09, 10, or 11), enter the predecessor task identification number or code.***	**O AN 1/20**
	TID03	**1175**	**Relationship Task Identifier** To identify a related (successor) task or activity or event number ***If the Task ID Qualifier is a constraint (code 08, 09, 10, or 11) or an Interface Activity (code 04), enter the succeeding or related task identification number or code. For activities or milestones (TID01 is code 03 or 06), leave this data element blank.***	**O AN 1/20**
	TID04	**352**	**Description** A free-form description to clarify the related data elements and their content	**O AN 1/80**

	TID05	**1297**	**Work Status Code** Code indicating the status for a work task CO Complete ST Started		**O**	**ID 1/2**
	TID06	**306**	**Action Code** Code indicating type of action 1 Add 2 Change (Update) 3 Delete		**O**	**ID 1/2**
	TID07	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***Enter the calendar identification number or reference for the task.***		**O**	**AN 1/30**
Not Used	**TID08**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		**O**	**AN 1/30**
	TID09	**1178**	**Level** Reporting structure identification ***Use to identify the reporting level of the task. Enter a number related to the level such as "1", "2", "3", and so forth.***		**O**	**AN 1/3**

Segment: **REF** **Reference Identification**
Position: 120
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: **1** At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: **1** REF04 contains data relating to the value cited in REF02.
Comments:
Notes: ***Use this segment to provide additional reference numbers related to the task or milestone described in the TID segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M ID 2/3**
			43 Supporting Document Number Supports or clarifies information and values represented in a document ***Use this code to provide an Integrated Master Plan (IMP) or Integrated Master Schedule (IMS) reference number.***	
			73 Statement of Work (SOW) Description of a product or service to be procured under a contract; statement of requirements	
			74 Work Breakdown Structure (WBS) A product-oriented family tree composed of hardware, software, services, and data that completely defines the project or program	
			75 Organization Breakdown Structure A functionally oriented family tree that shows organization relationships and is used as the framework for assigning work responsibilities	
			77 Work Package A detailed, short span task or material item identified by a contractor for doing the work required to complete the contract	
			78 Planning Package A logical aggregation of work within a cost account (see code 79) that can be identified and budgeted, but not yet defined into work packages	
			79 Cost Account A management control point for cost and schedule planning and control; it represents that work assigned to one responsible organization element and to one work breakdown structure element	
			80 Charge Number A number used by financial systems to identify accounts for costs incurred on a contract	

			88	Work Center Identifies a specific work area in a manufacturing process		
			C7	Contract Line Item Number		
			CT	Contract Number ***Use this code to identify a related, but separate contract number for the task or milestone described in the TID segment. This code is only used when there are contract interdependencies in the schedule data. The contract number entered in BPP04 identifies the contract number that applies to the entire schedule data.***		
			FI	File Identifier ***Use this code to identify a related file. Enter the file name in REF03.***		
			L4	Proposal Paragraph Number The place in a proposal where additional information can be found		
			WO	Work Order Number Number assigned for work including material and labor beyond normal work required to fulfill a service order		
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***Use this data element for all codes entered in REF01 with the exception of code FI (file identification).***		**X**	**AN 1/30**
	REF03	**352**	**Description** A free-form description to clarify the related data elements and their content ***Use this data element when REF01 is code FI. Enter the file name in this data element.***		**X**	**AN 1/80**
Not Used	**REF04**	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		**O**	
Not Used	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification		**M**	**ID 2/3**
Not Used	**C04002**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		**M**	**AN 1/30**
Not Used	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification		**X**	**ID 2/3**
Not Used	**C04004**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		**X**	**AN 1/30**
Not Used	**C04005**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification		**X**	**ID 2/3**
Not Used	**C04006**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		**X**	**AN 1/30**

Segment: **DTM** **Date/Time Reference**
Position: 130
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**		M ID 3/3
			Code specifying type of date or time, or both date and time		
			196	Start	
			197	End	
			240	Baseline Start	
				The start date of baseline or original plan	
			241	Baseline Complete	
				The complete date of the baseline or original plan	
			242	Actual Start	
				The actual start date for a task or activity	
			243	Actual Complete	
				The actual complete date for a task or activity	
			244	Estimated Start	
				The revised plan or estimate of the start date for a task or activity	
			245	Estimated Completion	
				The revised plan or estimate of the complete date for a task or activity	
			246	Start no earlier than	
				Fixed start date for a task or activity - cannot begin before this date	
			247	Start no later than	
				Fixed start date for a task or activity - cannot begin after this date	
			248	Finish no later than	
				Fixed finish date for a task or activity - cannot end after this date	
			249	Finish no earlier than	
				Fixed finish date for a task or activity - cannot end before this date	
			250	Mandatory (or Target) Start	
				Fixed start date - must begin on this date	
			251	Mandatory (or Target) Finish	
				Fixed finish date - must finish on this date	
			252	Early Start	
				The earliest date a task or activity can begin	
			253	Early Finish	

		The earliest date a task or activity can end
	254	Late Start
		The latest date a task or activity can begin
	255	Late Finish
		The latest date a task or activity can end
	256	Scheduled Start
		The scheduled start for a task or activity based on resource needs
	257	Scheduled Finish
		The scheduled finish for a task or activity based on resource needs
	416	Optimistic Late Start
		Best case latest date a task or activity can begin
		Use this code to indicate the previous month estimated start date.
	417	Optimistic Late Finish
		Best case latest date a task or activity can end
		Use this code to indicate the previous month estimated complete date.
	420	Most Likely Late Start
		Most likely latest date a task or activity can begin
		Use this code to indicate the previous month minus 1 (2 months back) estimated start date.
	421	Most Likely Late Finish
		Most likely latest date a task or activity can end
		Use this code to indicate the previous month minus 1 (2 months back) estimated complete date.
	424	Pessimistic Late Start
		Worst case latest date a task or activity can begin
		Use this code to indicate the previous month minus 2 (3 months back) estimated start date.
	425	Pessimistic Late Finish
		Worst case latest date a task or activity can end
		Use this code to indicate the previous month minus 2 (3 months back) estimated complete date.

Must Use	**DTM02**	**373**	**Date** Date (YYMMDD)	**X**	**DT 6/6**
Not Used	**DTM03**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X**	**TM 4/8**
Not Used	**DTM04**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	**O**	**ID 2/2**

Not Used	**DTM05**	**624**	**Century** The first two characters in the designation of the year (CCYY)	**O**	**N0 2/2**
Not Used	**DTM06**	**1250**	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format	**X**	**ID 2/3**
Not Used	**DTM07**	**1251**	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times	**X**	**AN 1/35**

Segment: **QTY** **Quantity**
Position: 140
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**QTY01**	**673**	**Quantity Qualifier** Code specifying the type of quantity 1B Current Duration (in calendar units) The current amount of time needed to complete a task or activity 1C Remaining Duration (in calendar units) The remaining amount of time needed to complete a task or activity 1D Total Float (in calendar units) The amount of time a task or activity can be delayed or expanded before it impacts the project end date 1E Free Float (in calendar units) The amount of time a task or activity can be delayed or expanded without impacting on a subsequent task or activity 1F Lag (as in Lag Time - in calendar units) The amount of time delay 1G Lead Time (in calendar units) The amount of intial lead time A2 Optimistic Duration Best case amount of the time needed to complete a task or activity AV Budget ***Use this code to indicate the total number of hours budgeted for the task described in the TID segment.***	**M ID 2/2**
Must Use	**QTY02**	**380**	**Quantity** Numeric value of quantity	**M R 1/15**
	QTY03	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**O**
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ***Use this data element if it is necessary to indicate the calendar units used when QTY01 is code 1B, 1C, 1D, 1E, 1F, 1G, or A2.*** DA Days HR Hours WK Week	**M ID 2/2**

Not Used	**C00102**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00103**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00104**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00105**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00106**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00107**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00108**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00109**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00110**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00111**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00112**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00113**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00114**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00115**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**

Segment: **AMT** **Monetary Amount**
Position: 150
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**AMT01**	**522**	**Amount Qualifier Code** Code to qualify amount B5 Budgeted ***Use this code to indicate the total budgeted cost for the task identified in the TID segment.***	**M ID 1/2**
Must Use	**AMT02**	**782**	**Monetary Amount** Monetary amount	**M R 1/15**
Not Used	**AMT03**	**478**	**Credit/Debit Flag Code** Code indicating whether amount is a credit or debit	**O ID 1/1**

Segment: **PCT** **Percent Amounts**
Position: 160
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PCT01	1004	**Percent Qualifier** Code to qualify percent 10 Complete The percent of work completed for a given activity, task, or event 11 Remaining The percent of remaining work for a given activity, task, or event 17 Physical (Percent) Completed A percent measure of the actual work completed versus the passage of time	M ID 1/2
Must Use	PCT02	954	**Percent** Percentage expressed as a decimal	M R 1/10

Segment: **N1** **Name**
Position: 170
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: ***Use this segment to identify a work team related to the task or milestone described in the TID segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual W1 Work Team W2 Supplier Work Team	**M ID 2/2**
Must Use	**N102**	**93**	**Name** Free-form name ***Enter the name or reference code for the work team.***	**X AN 1/35**
Not Used	**N103**	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67)	**X ID 1/2**
Not Used	**N104**	**67**	**Identification Code** Code identifying a party or other code	**X AN 2/20**
Not Used	**N105**	**706**	**Entity Relationship Code** Code describing entity relationship	**O ID 2/2**
Not Used	**N106**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**O ID 2/2**

Segment: **PER** **Administrative Communications Contact**
Position: 180
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:
1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:
Notes: ***Use this segment to identify a responsible person for the task or milestone described in the TID segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named RP Responsible Person	**M ID 2/2**
Must Use	PER02	93	**Name** Free-form name ***Provide the last name, first name, and middle initial if available. Include blank spaces between name components and periods after initials.***	**O AN 1/35**
	PER03	365	**Communication Number Qualifier** Code identifying the type of communication number AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail FT Federal Telecommunications System (FTS) FX Facsimile IT International Telephone TE Telephone	**X ID 2/2**
	PER04	364	**Communication Number** Complete communications number including country or area code when applicable	**X AN 1/80**
	PER05	365	**Communication Number Qualifier** Code identifying the type of communication number AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail EX Telephone Extension ***When used, there must be a previous communication number citing either a national or international telephone number.*** FT Federal Telecommunications System (FTS)	**X ID 2/2**

			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER06	**364**	**Communication Number**		**X**	**AN 1/80**
			Complete communications number including country or area code when applicable			
	PER07	**365**	**Communication Number Qualifier**		**X**	**ID 2/2**
			Code identifying the type of communication number			
			AU	Defense Switched Network		
				Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
			EM	Electronic Mail		
			EX	Telephone Extension		
				When used, there must be a previous communication number citing either a national or international telephone number.		
			FT	Federal Telecommunications System (FTS)		
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER08	**364**	**Communication Number**		**X**	**AN 1/80**
			Complete communications number including country or area code when applicable			
Not Used	**PER09**	**443**	**Contact Inquiry Reference**		**O**	**AN 1/20**
			Additional reference number or description to clarify a contact number			

Segment: **PID** **Product/Item Description**
Position: 190
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:
1 If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.
3 If PID07 is present, then PID03 is required.
4 If PID08 is present, then PID03 is required.
Semantic Notes:
1 Use PID03 to indicate the organization that publishes the code list being referred to.
2 PID04 should be used for industry-specific product description codes.
3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4 PID09 is used to identify the language being used in PID05.
Comments:
1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3 PID07 specifies the individual code list of the agency specified in PID03.
Notes: ***If the task relates to production in a manufacturing type of environment, use this segment to provide details about the item being produced.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PID01	349	**Item Description Type** Code indicating the format of a description F Free-form	M ID 1/1
Must Use	PID02	750	**Product/Process Characteristic Code** Code identifying the general class of a product or process characteristic 08 Product 09 Sub-product 12 Type and/or Process	O ID 2/3
Not Used	PID03	559	**Agency Qualifier Code** Code identifying the agency assigning the code values	X ID 2/2
Not Used	PID04	751	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
Must Use	PID05	352	**Description** A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	PID06	752	**Surface/Layer/Position Code** Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	PID07	822	**Source Subqualifier** A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
Not Used	PID08	1073	**Yes/No Condition or Response Code** Code indicating a Yes or No condition or response	O ID 1/1
Not Used	PID09	819	**Language Code** Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O ID 2/3

Segment: **MSG** **Message Text**
Position: 200
Loop: TID Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: ***Only use this segment one time to provide limited text about the task described in the TID segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**MSG01**	**933**	**Free-Form Message Text** Free-form message text	**M AN 1/264**
Not Used	**MSG02**	**934**	**Printer Carriage Control Code** A field to be used for the control of the line feed of the receiving printer	**O ID 2/2**

Segment: **RSC** **Resource**
Position: 210
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify resource details for tasks or activities
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use this segment to describe the resources assigned to a given task. Use the related segments in this Resource loop to provide additional information about the resource assigned to the task.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**RSC01**	**1180**	**Resource Code (or Identifier)** To identify a resource code or identifier (such as a specific skill, department, or material) ***Enter the name or code of the resource.***	**M AN 1/20**
	RSC02	**352**	**Description** A free-form description to clarify the related data elements and their content	**O AN 1/80**
	RSC03	**1181**	**Resource Type** Code identifying the type of allocation or resource being scheduled 01 Consumable 02 Recurring 03 One of	**O ID 2/2**
	RSC04	**306**	**Action Code** Code indicating type of action 1 Add 2 Change (Update) 3 Delete	**O ID 1/2**

Segment: **REF** **Reference Identification**
Position: 220
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: ***Use this segment to provide reference numbers related to the resource described in the Resource segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 70 Calendar Number Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group 87 Functional Category An organization or groups of organizations with a common operational orientation such as Quality Control Engineering, etc DP Department Number	**M ID 2/3**
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ***Use this data element when REF01 is code 70 (Calendar Number).***	**X AN 1/30**
	REF03	**352**	**Description** A free-form description to clarify the related data elements and their content ***Use this data element when REF01 is code 87 (Functional Category) or DP (Department).***	**X AN 1/80**
Not Used	**REF04**	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**
Not Used	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M ID 2/3**
Not Used	**C04002**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**M AN 1/30**
Not Used	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X ID 2/3**
Not Used	**C04004**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**
Not Used	**C04005**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X ID 2/3**
Not Used	**C04006**	**127**	**Reference Identification**	**X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **DTM** **Date/Time Reference**
Position: 230
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 193 Period Start 194 Period End 196 Start 197 End 256 Scheduled Start The scheduled start for a task or activity based on resource needs 257 Scheduled Finish The scheduled finish for a task or activity based on resource needs	**M ID 3/3**
Must Use	**DTM02**	**373**	**Date** Date (YYMMDD)	**X DT 6/6**
Not Used	**DTM03**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X TM 4/8**
Not Used	**DTM04**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	**O ID 2/2**
Not Used	**DTM05**	**624**	**Century** The first two characters in the designation of the year (CCYY)	**O N0 2/2**
Not Used	**DTM06**	**1250**	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format	**X ID 2/3**
Not Used	**DTM07**	**1251**	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times	**X AN 1/35**

Segment: **QTY** **Quantity**
Position: 240
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**QTY01**	**673**	**Quantity Qualifier** Code specifying the type of quantity 1P Resource (Quantity) available Resource amount such as labor hours or material dollars available for a task or activity 1Q Total Resource (Quantity) Total amount of the resources available for the total duration of the task or activity 1R Level Resource (Quantity) The amount of resources available for each time unit for the duration of the task or activity AV Budget	**M ID 2/2**
Must Use	**QTY02**	**380**	**Quantity** Numeric value of quantity	**M R 1/15**
	QTY03	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**O**
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ***Use code that applies.*** HR Hours UN Unit WM Working Months	**M ID 2/2**
Not Used	**C00102**	**1018**	**Exponent** Power to which a unit is raised	**O R 1/15**
Not Used	**C00103**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O R 1/10**
Not Used	**C00104**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O ID 2/2**
Not Used	**C00105**	**1018**	**Exponent** Power to which a unit is raised	**O R 1/15**
Not Used	**C00106**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O R 1/10**
Not Used	**C00107**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O ID 2/2**

Not Used	**C00108**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00109**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00110**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00111**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00112**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00113**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00114**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00115**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**

Segment: **AMT** **Monetary Amount**
Position: 250
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT01	522	**Amount Qualifier Code** Code to qualify amount B5 Budgeted	M ID 1/2
Must Use	AMT02	782	**Monetary Amount** Monetary amount	M R 1/15
Not Used	AMT03	478	**Credit/Debit Flag Code** Code indicating whether amount is a credit or debit	O ID 1/1

Segment: **PCT** **Percent Amounts**
Position: 260
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**PCT01**	**1004**	**Percent Qualifier** Code to qualify percent		**M ID 1/2**
			14	Availability Factor A resource availability percentage	
			15	Efficiency Factor	
			16	Scrap or Rework Yield	
Must Use	**PCT02**	**954**	**Percent** Percentage expressed as a decimal		**M R 1/10**

Segment: **PAM** **Period Amount**
Position: 280
Loop: RSC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate a quantity, and/or amount for an identified period
Syntax Notes:
1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
2 At least one of PAM02 PAM05 or PAM14 is required.
3 If either PAM04 or PAM05 is present, then the other is required.
4 If either PAM06 or PAM07 is present, then the other is required.
5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
6 If PAM07 is present, then PAM06 is required.
7 If PAM08 is present, then PAM07 is required.
8 If PAM09 is present, then PAM07 is required.
9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
10 If PAM11 is present, then PAM10 is required.
11 If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:
1 PAM10, PAM11, or PAM12 are used when two dates are required.
Comments:
Notes: ***Use this segment when quantities, amounts, and percents need to be related to one or two dates.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	PAM01	**673**	**Quantity Qualifier** Code specifying the type of quantity AV Budget	**X**	**ID 2/2**
	PAM02	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
	PAM03	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**X**	
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken HR Hours WM Working Months	**M**	**ID 2/2**
Not Used	**C00102**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00103**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00104**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00105**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00106**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00107**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00108**	**1018**	**Exponent**	**O**	**R 1/15**

			Power to which a unit is raised			
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R	1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R	1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R	1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R	1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R	1/10
	PAM04	522	**Amount Qualifier Code** Code to qualify amount B5 Budgeted	X	ID	1/2
	PAM05	782	**Monetary Amount** Monetary amount	X	R	1/15
	PAM06	344	**Unit of Time Period or Interval** Code indicating the time period or interval KL As Required MO Month	X	ID	2/2
	PAM07	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 196 Start	X	ID	3/3
	PAM08	373	**Date** Date (YYMMDD)	X	DT	6/6
Not Used	PAM09	337	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM	4/8
	PAM10	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 197 End	X	ID	3/3
	PAM11	373	**Date** Date (YYMMDD)	X	DT	6/6
Not Used	PAM12	337	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM	4/8
Not Used	PAM13	1004	**Percent Qualifier** Code to qualify percent	X	ID	1/2
Not Used	PAM14	954	**Percent** Percentage expressed as a decimal	X	R	1/10

Segment: **MLS** Milestone
Position: 290
Loop: MLS Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify milestone details for tasks or activities
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use this segment to describe milestones associated with a task. Use the related segments in this Milestone loop to provide additional information about the milestone described in this segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**MLS01**	**1171**	**Milestone Number Identification** To identify a milestone number ***Enter the name, code, or reference number for the milestone.***	**M AN 1/20**
	MLS02	**352**	**Description** A free-form description to clarify the related data elements and their content	**O AN 1/80**
	MLS03	**1297**	**Work Status Code** Code indicating the status for a work task CO Complete RE Revised ST Started	**O ID 1/2**
	MLS04	**306**	**Action Code** Code indicating type of action 1 Add 2 Change (Update) 3 Delete	**O ID 1/2**

Segment: **REF** **Reference Identification**
Position: 300
Loop: MLS Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: ***Use this segment to provide reference numbers related to the milestone described in the Milestone segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 77 Work Package A detailed, short span task or material item identified by a contractor for doing the work required to complete the contract 80 Charge Number A number used by financial systems to identify accounts for costs incurred on a contract 81 Symbol Number (for Milestone or LOB reports) Symbols are used for graphical representation on Milestone schedule reports and Line of Balance reports; the various symbols indicate planned, revised, completed, and slipped events; symbols used are mutually agreed upon between supplier and customer WO Work Order Number Number assigned for work including material and labor beyond normal work required to fulfill a service order	**M ID 2/3**
Must Use	**REF02**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**
Not Used	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content	**X AN 1/80**
Not Used	**REF04**	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**
Not Used	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M ID 2/3**
Not Used	**C04002**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**M AN 1/30**
Not Used	**C04003**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X ID 2/3**
Not Used	**C04004**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**

Not Used	**C04005**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**C04006**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**

Segment: **DTM** **Date/Time Reference**
Position: 310
Loop: MLS Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 196 Start 197 End 240 Baseline Start The start date of baseline or original plan 241 Baseline Complete The complete date of the baseline or original plan 242 Actual Start The actual start date for a task or activity 243 Actual Complete The actual complete date for a task or activity 244 Estimated Start The revised plan or estimate of the start date for a task or activity 245 Estimated Completion The revised plan or estimate of the complete date for a task or activity	**M ID 3/3**
Must Use	**DTM02**	**373**	**Date** Date (YYMMDD)	**X DT 6/6**
Not Used	**DTM03**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X TM 4/8**
Not Used	**DTM04**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	**O ID 2/2**
Not Used	**DTM05**	**624**	**Century** The first two characters in the designation of the year (CCYY)	**O N0 2/2**
Not Used	**DTM06**	**1250**	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format Refer to 003060 Data Element Dictionary for acceptable code values.	**X ID 2/3**
Not Used	**DTM07**	**1251**	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times	**X AN 1/35**

Segment: **QTY** **Quantity**
Position: 320
Loop: MLS Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier** Code specifying the type of quantity AT Actual AV Budget VE Earned Value The value of completed work or completed portions of work effort expressed in quantity units, typically hours	M ID 2/2
Must Use	QTY02	380	**Quantity** Numeric value of quantity	M R 1/15
	QTY03	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken HR Hours ***Use this code to identify that the quantity entered in QTY02 is for hours - i.e., the number of hours related to the milestone.*** UN Unit ***Use this code to assign unit weights to the milestone. The figure entered in QTY02 is used to calculate earned value when the milestone is complete - it is a certain "weight" or percentage of the total budget allocated to a task that has many milestones.***	M ID 2/2
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code**	O ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	**C00108**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00109**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00110**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00111**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00112**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00113**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00114**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00115**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**

Segment: **AMT** **Monetary Amount**
Position: 330
Loop: MLS Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**AMT01**	**522**	**Amount Qualifier Code** Code to qualify amount B5 Budgeted CW Earned Value CX Actual	**M ID 1/2**
Must Use	**AMT02**	**782**	**Monetary Amount** Monetary amount	**M R 1/15**
Not Used	**AMT03**	**478**	**Credit/Debit Flag Code** Code indicating whether amount is a credit or debit	**O ID 1/1**

Segment: **PCT** **Percent Amounts**
Position: 340
Loop: MLS Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use this segment as an alternative to using the Quantity segment to assign an earned value weight to a particular milestone. This weight percent is used to calculate earned value for a task that has many milestones - each milestone is worth so much earned value when complete. The earned value that can be earned when the given milestone is completed may be entered as a quantity (hours) or monetary amount (dollars) in the QTY or AMT segments in this Milestone loop.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PCT01**	**1004**	**Percent Qualifier** Code to qualify percent 18 Percent of Value	**M ID 1/2**
Must Use	**PCT02**	**954**	**Percent** Percentage expressed as a decimal	**M R 1/10**

Segment: **SE** **Transaction Set Trailer**
Position: 350
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M N0 1/10**
Must Use	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set ***SE02 is the same number as the number in ST02.***	**M AN 4/9**

NIST Technical Publications

Periodical

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